

581A
185240

STATE OF MONTANA }
County of C. ... }

Filed in the ... of the County Clerk and
Recorder of C. ... State of Montana,
this ...

A. D. 19 ... at ... o'clock ... M.

Charles E. Paugh
County Clerk and Recorder

By Marion B. Jensen
Deputy

Fee Paid \$ 2.00

INDEXED mg
FILED mg

GW

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No.

T. 18 N. R. 35 E

DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

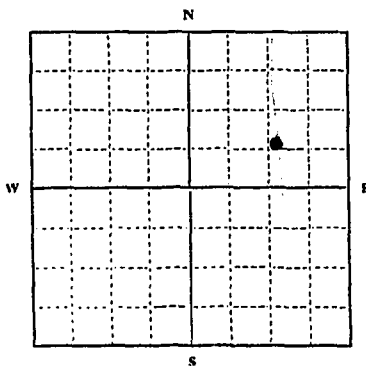
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Patrick Murnion, of Jordan Montana
(Name of Appropriator) (Address) (Town)
County of Garfield State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 NE Sec 13 T. 18 N. R. 35 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1940

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 18 gal per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof NONE

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1940 December

8. The depth of water table 135 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 inch

10. The estimated amount of groundwater withdrawn each year 7,850,000

11. The log of formations encountered in the drilling of each well if available NONE

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record NONE

Signature of Owner

Patrick Murnion

Date DEC. 31 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

23661

745

125401

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of the County of Garfield, State of Montana,
this 31 day of Dec.

A. D. 1906

Charles E. Langhorne

County Clerk and Recorder

By Marian R. Lamm

Deputy

Fee Paid \$ 2.00

M. J. King

File No.

T. 18 N. R. 35 E.

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

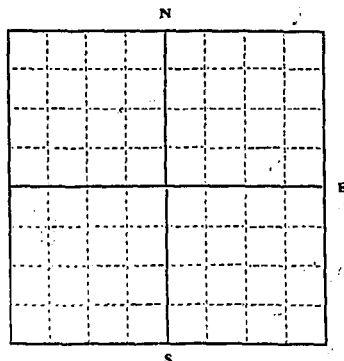
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Clara H. Mart, of Bozeman (Name of Appropriator) (Address)

County of Richmond State of Montana (Town)
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. T. R. 18 N. 35 E.
Point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based.
Household use and yard 2 lots
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
1947
Continuously since this date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 g.p.m.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
Electric Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
8. The depth of water table. 7 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 4" pipe 163' deep
10. The estimated amount of groundwater withdrawn each year. 72 to 80 gal.
11. The log of formations encountered in the drilling of each well if available. none available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. none

Signature of Owner Clara H. Mart

Date 12-23-1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

14709

255
124870

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana
this 23 day of Dec

A. D. 19 63 at 2:10 P. M.

Charles E. Langburn
County Clerk and Recorder
Merwin R. Jones
Deputy

Fee Paid 2.00

FILED 23
cdg

GW

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No.

T 18 N R 35 E

DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

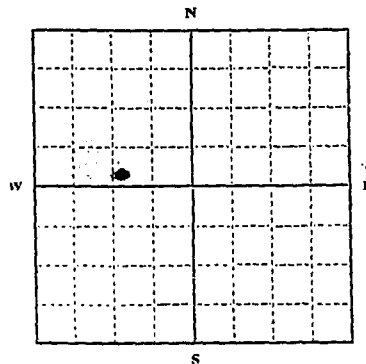
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Donald L. Jarden, of Sand Springs
(Name of Appropriator) (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 26 T. 18 R. 35

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1945

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal per min

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

none

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

Windmill + gas motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1945

8. The depth of water table 100'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 160' Deep 4" casing

10. The estimated amount of groundwater withdrawn each year 200,000

11. The log of formations encountered in the drilling of each well if available not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

none

Signature of Owner

Donald L. Jarden

Date 12-30-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

23371

457

125114

STATE OF MONTANA }
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 30 day of Dec.

A. D. 1963 at 11:13 clock A.

W. J. Thompson
County Clerk and Recorder
By Marian R. James
Deputy

Paid \$ 2.00

INDEXED

FILED

File No. _____

T 18 N R 35 E

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

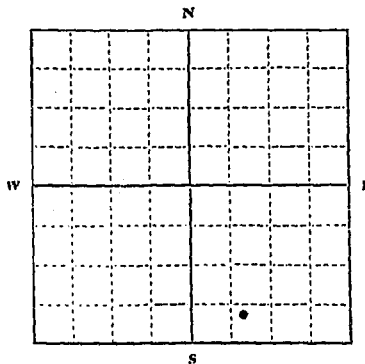
RECEIVED
JAN 6 1964

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. PATRICK MURNION, of Jordan MONTANA
(Name of Appropriator) (Address) (Town)
County of GARFIELD State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 SE Sec 30 T 18 N R 35 E

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based. Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1960
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. NONE
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. PUMP
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. December 1960
8. The depth of water table. 110 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 6 inch
10. The estimated amount of groundwater withdrawn each year. 7,800,000 gallon
11. The log of formations encountered in the drilling of each well if available. Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. NONE

Signature of Owner

Patrick MurnionDate DEC 31 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of
Mines and Geology, and Quadruplicate for the Appropriator.

23659

743

125402

STATE OF MONTANA }
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 31 day of Dec

A. D. 1963 at 104 o'clock P. M. by
Charles E. Ferguson

County Clerk and Recorder
By Manuel B. Patten
Deputy

Fee Paid \$2.00

INDEXED
FILED

RECEIVED

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 18N R. 35E

County Garfield

31

WATER WELL LOG

Owner Robert W. Wheatcraft Address Jordan, Montana

Driller Boone W. Whitmer Address Circle, Montana

Date Started Dec 11, 1957 Date Completed Dec 17, 1957

Location: Sec 31 T. 18N R. 35E 1/4 sec. SW1

Type of well drilled Equipment used Churn drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to EX 71 ft. Type Steel Size 5" ID

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. to ft. Ft. to ft.

Type of screen or perforations none

Static Water level, for non-flowing well: 29 feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level feet at 5000/per day gal. per min.

How tested: bailer

Length of test: 0

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

[illegible]

File No. _____

DUPLICATE

APR 18 1963

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

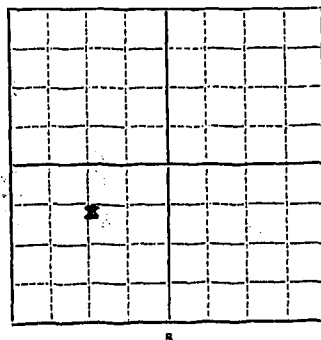
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Haislett, Inc., of Jordan (Town)
(Name of Appropriator) (Address)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 SW Sec. 32 T18 R. 35

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1910
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gal. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Pump and windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1910
8. The depth of water table 12 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 80 feet
10. The estimated amount of groundwater withdrawn each year 50,000 gal
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner

Ward B. Haislett

Date Dec 19, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

14673

219

124822

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana.
this 19 day of Dec.

A. D. 1913 3:30 P. M.

Charles E. Thompson
County Clerk and Recorder

By Marion C. Jensen
Deputy

Was Paid \$2.00

INDEXED *mj*
FILED *124822*

GW.

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No.

T. 18 N. R. 35 E

DUPLICATE

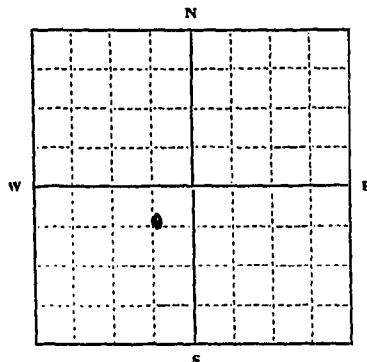
County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Patrick Murnion, of Jordan Montana
(Name of Appropriator) (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec 23 T. 18 R. 35

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based House
Stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1954
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 p.p.m.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Dec 1954
8. The depth of water table 125 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 inch
10. The estimated amount of groundwater withdrawn each year 7,800,000
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner

Patrick Murnion

Date

DEC 31 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

23660

744

125403

STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 31 day of Dec

A. D. 1963 at 10:5 o'clock P. M.

Chas. E. Vaughan
County Clerk and Recorder
By Marian B. Daniel
Deputy

Fee Paid \$ 2.00

W. J. C. B.
Clerk

GW

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No. _____

T. 18^N R. 35^E

DUPLICATE

County _____

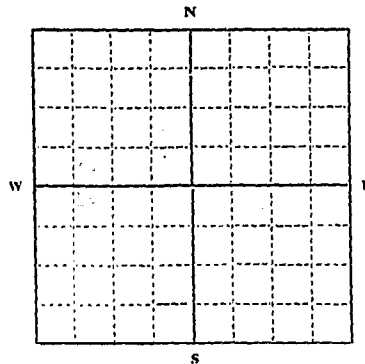
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Donald L. Jordan, of Sand Springs
(Name of Appropriator) (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.W. 1/4 Sec 34 T. 18 N. R. 35 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based House +
Stockwater
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1919
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gal per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Windmill + Electric Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1919
8. The depth of water table 38'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Dug well 36"
40' Deep
10. The estimated amount of groundwater withdrawn each year 100,000
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
none

Signature of Owner Donald L. Jordan

Date 12-30-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

23372

458

125115

STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana
this 30 day of Dec
A. D. 19 63 at 11:14 o'clock A. M.
Charles E. Thompson
County Clerk and Recorder
By Thomas R. Carter
Deputy
Fee Paid \$2.00

INDEXED md
FILED eb

File No.

T. 18 N 35 E
County Garfield

DUPLICATE

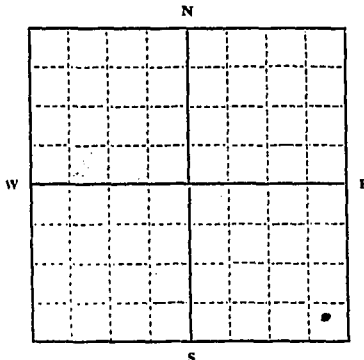
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Donald L. Jordan, of Sand Springs
(Name of Appropriator) (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 34 T. 18 N. R. 35 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1961

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gal

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof none

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal windmill + gas motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1961

8. The depth of water table 20'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 40' deep 14" casing

10. The estimated amount of groundwater withdrawn each year 100,000

11. The log of formations encountered in the drilling of each well if available not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner Donald L. Jordan

Date 12-30-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

23373

459

125116

STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 30 day of Dec

A. D. 19 63 at 11:15 o'clock A. M.
Charles E. Vaughan
County Clerk and Recorder
By Marianne R. James Deputy

Fee Paid \$ 2.00

mf
INDEXED
CRP

GROUNDWATER INDEX

Page / of /

County Garfield Twp. 1877 Rge. 36 E.

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File No.

T. 18 N. R. 36 E

DUPLICATE

County Garfield

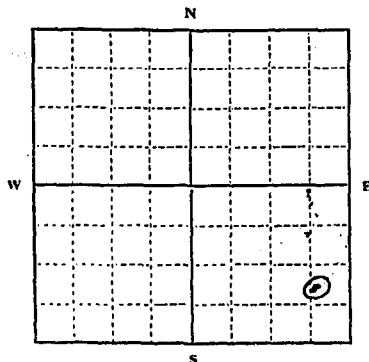
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1962)

I, John F. & Archie C. MacDonald, of Jordan, Montana
(Name of Appropriator) (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 2, T. 18 N. R. 36 E

Indicate point of application and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been not known date of drilling -- at least 20 years ago
4. The amount of groundwater claimed (in miner's inches or gallons per minute) five gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Regular stock pump -- wind mill and engine supplement -- either gas or electric
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater not known
8. The depth of water table not known
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater estimate depth of 300 feet -- hole to accommodate 4 inch casing
10. The estimated amount of groundwater withdrawn each year estimate 300,000 gallons per yr
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record no other record

Signature of Owner

John F. & Archie C. MacDonald
Date Dec 30, 1963 Jmcd

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

23593

677

125336

STATE OF MONTANA }
County of Cascade }

Filed in the _____ of the County Clerk and
Recorder of Cassia County, State of Montana,
this _____ 31 _____

A. D. 19____ 1936 _____

Charles E. Engstrom
County Clerk and Recorder

By Marion H. Darr
Deputy

Fee Paid \$ 2.00

INDEXED mj

FILED ccp

File No.

T18 N. R36 E.

DUPLICATE

County Garfield

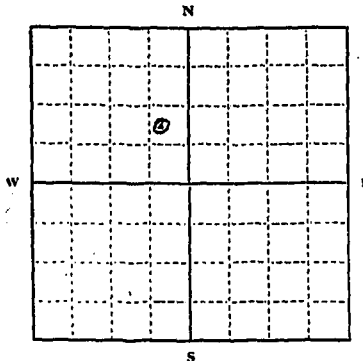
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights 8 1964

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. John J. & Archie C. MacDonald, of Jordan, Montana
(Name of Appropriator) (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 2, T. 18, R. 36

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based. Domestic Livestock Water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. December 1961 Continuous since December 1961
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 20 Gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Jet type pump w/pressure tank automatic control, electrically operated.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well drilled November 1961, cased and pump installed;
8. The depth of water table. not known
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 150 feet in depth, hole drilled to accommodate 4 inch casing.
10. The estimated amount of groundwater withdrawn each year. 400,000 gallons
11. The log of formations encountered in the drilling of each well if available. not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. no other record

Signature of Owner

Date

John J. & Archie C. MacDonald
Dec 20, 1963 Jmcd

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

23594

678

125337

STATE OF MONTANA }
County of _____

Record _____
this _____ 31 _____

A. D. 19 63 10³¹ _____ M.

_____ County Clerk and Recorder

By _____ Deputy

Fee Paid \$ 2.00

INDEXED ml
FILED cl

File No.

T. 18N R. 36E

DUPLICATE

County. Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

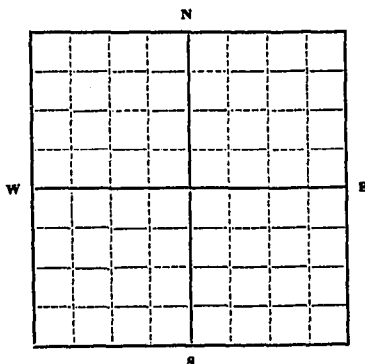
RECEIVED
DEC 20 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Leslie A. Storey, of Jordan,
(Name of Appropriator) (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 7,
Sec. 6, T. 18 N. R. 36 E.

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based.....
Stock water and Domestic

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been.....~~RECEIVED~~
Been in continuous use since 1928
April, 1928

4. The amount of groundwater claimed (in miner's inches or gallons
per minute)..... 3 gallons per minute

5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
None

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal.....
By windmill or motor on pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater..... April, 1928

8. The depth of water table..... not available

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater..... 2 inch pipe - 180 feet deep

10. The estimated amount of groundwater withdrawn each year..... Depends on conditions, we have
pumped it 24 hours per day.

11. The log of formations encountered in the drilling of each well if available.....
~~RECEIVED~~
0' to 130' sand and shale; 130' to 135' rock; 135' to 180' soft sand rock.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record..... None

Signature of Owner

Date December 20, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

2846

12284E

122944

STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 7th day of June

A. D. 1907 at 2:30 o'clock P. M.

County Clerk and Recorder

By _____ Deputy

Fee Paid \$ 7.00

File No.

T. 18 N. R. 36 E

DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

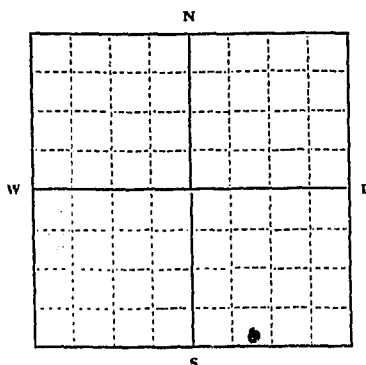
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Patrick Murnion, of Jordan Montana
(Name of Appropriator) (Address) (Town)

County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 9 T.18 N. R.36 E.

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based.....

Livestock3. Date or approximate date of earliest beneficial use; and how continuous the use has been 19604. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gpm per minute5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
None6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Aug. 19608. The depth of water table 140 ft.9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4 inch10. The estimated amount of groundwater withdrawn each year 7,850,00011. The log of formations encountered in the drilling of each well if available None12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner

Patrick MurnionDate DEC 31 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

23662

746

125405

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 31 day of Dec

A. D. 1963 at 1:07 o'clock 0 M.

Charles E. [unclear]
County Clerk and Recorder

By Maria R. [unclear]
Deputy

Fees Paid \$ 22.00

mf
ver

GW.

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No.

T 18 N R 36 E

DUPLICATE

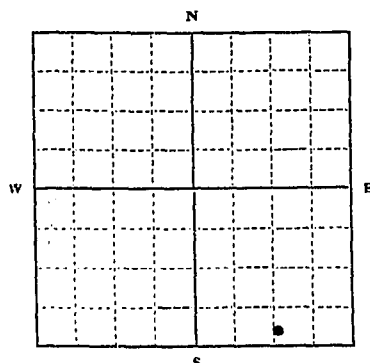
County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights STATE ENGINEER
(Under Chapter 237, Montana Session Laws, 1961)

1. Patrick Murnion, of Jordan Mont.
(Name of Appropriator) (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec 17 T18 R36

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based. Live stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1959
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 15 gal. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. NONE
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. PUMP
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. September 1959
8. The depth of water table. 90 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 6 inch
10. The estimated amount of groundwater withdrawn each year. 70/50,000
11. The log of formations encountered in the drilling of each well if available. NONE
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. NONE

Signature of Owner

Patrick Murnion

Date DEC 31 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

23663

747

125406

STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 31 day of Dec

A. D. 1963 at 1:08 o'clock P. M.

County Clerk and Recorder

By Marian B. James Deputy

W. Fred R. 27

INDEXED
FILED

File No.

T. 18^N R. 36^E

DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

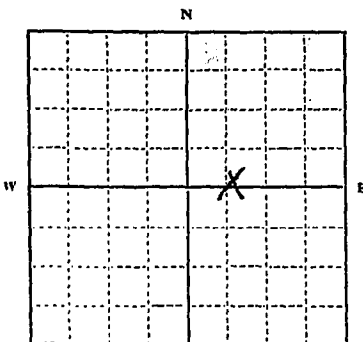
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 6 1964

STATE ENGINEER

1. Robert Phillips, of Brusett
(Name of Appropriator) (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 18, T. 18, R. 36 E

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based.....
3. Date or approximate date of earliest beneficial use; and how continuous the use has been..... and since 1946
4. The amount of groundwater claimed (in miner's inches or gallons per minute)..... 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof..... none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal..... groundwater well
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater..... not available
8. The depth of water table..... Don't know
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater..... don't know
10. The estimated amount of groundwater withdrawn each year..... Don't know
11. The log of formations encountered in the drilling of each well if available..... Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record..... None

Signature of Owner

Robert Phillips
Date Dec 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

23496

581

125239

STATE OF MONTANA }
County of Gallatin }

Filed in the _____ of the County Clerk and
Recorder of Gallatin County, State of Montana,
this 31 day of Dec.

A. D. 1963 at 9:18 o'clock A. M.

Charles E. Pangburn
County Clerk and Recorder

By Marion K. Davis
Deputy

Fee Paid \$2.00

4-1
FILED CH

File No.

T. 18 N R. 36 E

DUPLICATE

County Cassia

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner Patrick Murnion Address Jordan Mont.

Contractor (if any)

Address of Contractor

Date Started Date Completed

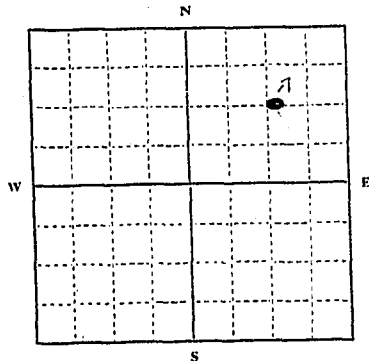
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

NATURAL PROCESS

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use

YEAR AROUND



SE 1/4 NE Sec 22 T18 R36

Indicate point of appropriation and place of use, if possible.

Signature of Owner Patrick Murnion

Date DEC 31 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

741

125400

STATE OF MONTANA }
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana, on
this 21 day of Dec

A. D. 1913 1/02

By Marion H. James
County Clerk and Recorder

Prothonotary 208

INDEXED WJ
FILED WJ

File No.

T. 18N R. 36E

DUPLICATE

County Garfield

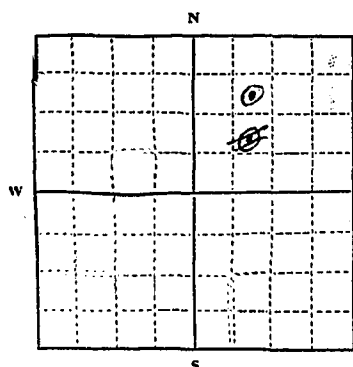
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. J. H. MacDonald, of Jordan Montana
(Name of Appropriator) (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



TIME $\frac{1}{4}$ Sec. 24 T. 18 R. 36

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic & Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Drilled in 1948 and has been used continuously
4. The amount of groundwater claimed (in miner's inches or gallons per minute). eight gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. not used for irrigation -- only garden & lawn
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. electrically operated jet pump w/pressure tank - automatic control
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well was drilled and put into operation within a two day period.
8. The depth of water table. not available
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. approximately 200 ft in depth with drill to accommodate 4 inch casing
10. The estimated amount of groundwater withdrawn each year. 500,000 gallons per annum
11. The log of formations encountered in the drilling of each well if available. not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. no other record

Signature of Owner

J. H. MacDonald
Date Dec. 24, 1963 - Jmc

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

23592



676

125335

STATE OF MONTANA }
County of _____ }

Filed for _____ Clerk and
Record _____ of _____ Montana,
this 31 Dec

A. D. 19 63 11:55 A. M.

Charles E. Pangloss
County Clerk

By Marian R. Jones Deputy

Fee Paid \$ 2.00

INDEXED ml
FILED ced

File No.

T. 18 N. R. 36 E

DUPLICATE

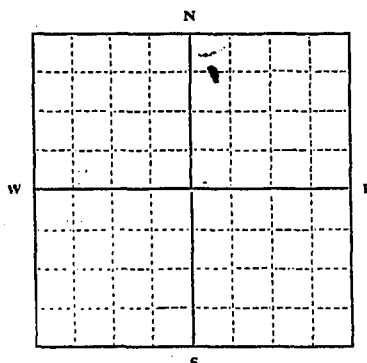
County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 6 1964

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Patrick Murnion, of Jordan Montana
(Name of Appropriator) (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 NE Sec. 35 T. 18 R. 36

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based Watering livestock and household use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1954 and continue ever since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof NONE
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater MARCH 1954
8. The depth of water table 440 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 inch
10. The estimated amount of groundwater withdrawn each year 24 9,200,000
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record NONE

Signature of Owner

Patrick MurnionDate DEC 31 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

23658

742

125401

STATE OF MONTANA }
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 31st day of Dec.

A. D. 1963 at 11:03 o'clock P. M.

Charles E. Paigman
County Clerk and Recorder

By Marion K. James
Deputy

True and Correct
200

INDEXED

FILED

GROUNDWATER INDEX

Page 1 of 1

County Yarfield Twp. 1876 Rge. 37 1/2

[illegible]

12 12
T 18N R 37E
County Garfield

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 18 1961

WATER WELL LOG

STATE ENGINEER

Owner Garfield County, Montana Address Jordan, Montana
Driller Floyd Higgins Address Miles City, Montana
Date Started 8/11/61 Date Completed 8/15/61
Location: Sec 12 T 18N R 37E 1/4 sec SW 1/4

Type of well Drilled Equipment used Rotary
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 11.8 ft. Type ~~PIPE~~ Iron Size 4 5/8 OD

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 108 to ft. 11.8 Ft. to ft.

Type of screen or perforations holes

Static Water level, for non-flowing well: 60 ft from top feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level feet at 15 gal. per min.

How tested: bailer

Length of test 4 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

②

(over)

[illegible][illegible]

GV

Approved Stock Form—State Publishing Co., Helena, Montana—41921

File No.

T. 18 N R. 37

DUPLICATE

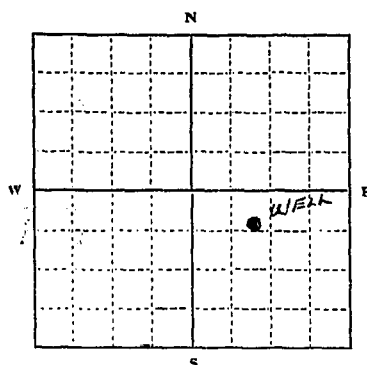
County GARFIELD

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 10 1963

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. SAMUEL SCHWINDT, of Box 172 TERRA
(Name of Appropriator) (Address) (Town)
County of GARFIELD State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 31, T. 18, R. 37

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based STOCK WELL

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1931 DAILY

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 GAL. PER MIN.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal STOCK WELL

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1931

8. The depth of water table 6 FT.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater STOCK WELL, 48 INCH CASING, DRUG WELL, 160 FT.

10. The estimated amount of groundwater withdrawn each year 365,000

11. The log of formations encountered in the drilling of each well if available SAND ROCK

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Samuel Schwindt

Date Dec 6, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

2418

125

125

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 6th day of December

A. D. 1969 at 3:50 clock P. M.

Charles E. Dargatzis
County Clerk and Recorder

By _____ Deputy

Fee Paid \$ 1.00

Recorded 7/12/70
125

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner SAM SCHWINDT

Address JORDAN

MONT.

Date well started

completed

Type of well DRILLED

(Dug, driven, bored or drilled)

Equipment used ROTARY

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

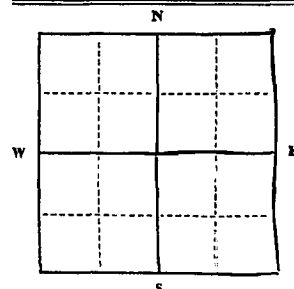
*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block

and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>8 1/4</u>	<u>4 1/2</u>	<u>1</u>	<u>32</u>	<u>HOLE</u>	<u>150</u>	<u>190</u>
<u>6 1/4</u>	<u>9 1/2</u>	<u>32</u>	<u>190</u>	<u>1 1/2</u>		



NW 1/4 Sec. 31
T. 18 N. R. 31 E.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Diane Duffin Lewis

Driller's Address Jordan, Mont.

LICENSE NO. 29

Owner Sam Schwindt

DRAINER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, shale, sandstone, etc. Show depth at which water is found and to which water rises in well.

Top of Ground

(Elev. above sea level)

From (Feet)	To (Feet)	
<u>1</u>	<u>15</u>	<u>SANDY CLAY</u>
<u>15</u>	<u>26</u>	<u>QUICK SAND</u>
<u>26</u>	<u>43</u>	<u>SHALE</u>
<u>43</u>	<u>47</u>	<u>COAL</u>
<u>47</u>	<u>165</u>	<u>SHALE</u>
<u>165</u>	<u>172</u>	<u>ROCK</u>
<u>172</u>	<u>200</u>	<u>SAND</u>

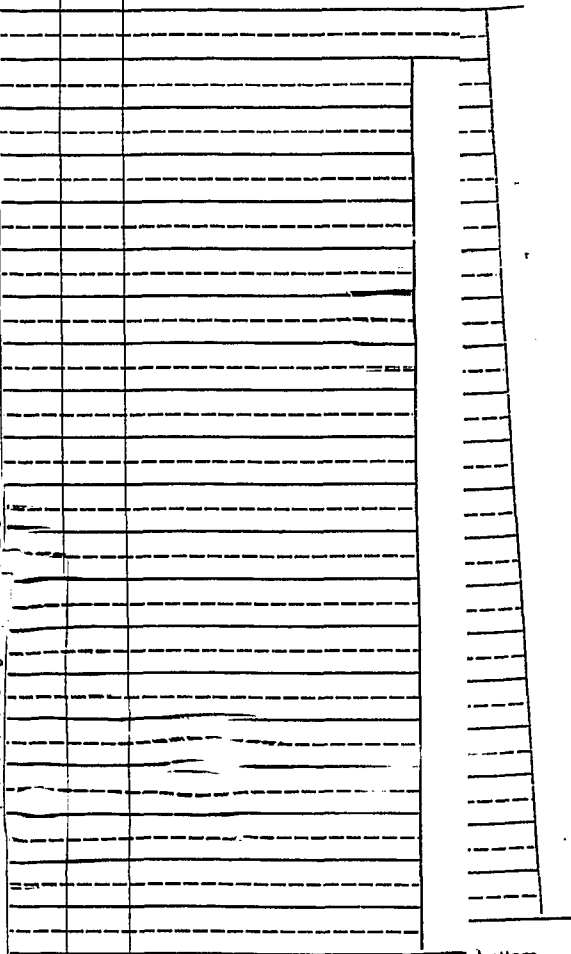
Static water level 55 ft.
Pumping water level 84 ft.
at 2 gallons per minute,
measured 24 minutes after pumping
began.

*Measured from ground level.

Well developed by PUMP
for 24 hours.

Power HP Pump HP

Remarks: (Gravel packing, cementing, packers, type of shutoff)



200 Show exact depth of bottom

51,437

138029

STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 20 day of Sept.

A. D. 19 72 at 4:30 o'clock P M.

County Clerk and Recorder

County Clerk and Recorder
Marion R. Murlak

to find 200

Thank you!

1999

(Churn drill, rotary of ouner)

Water Use: none

Municipal ☐ Stock ☒

Irrigation ☐

●

Drainage ☐ Other ☐

***Describe**

***Describe** Explain, drainage or other.

USE If used for irrigation, industrial, drainage or other data (i.e. lot, Block number of acres and location or other data

and Addition)

ESTIMATED ANNUAL WITHDRAWAL

Core No.	Site of Drill Hole	Size and Weight of Casing	PERFORATIONS				
			From (Feet)	To (Feet)	Kind Size	From (Feet)	To (Feet)
			1	22			

[illegible]

Department of Natural Resources and Conservation
 Water Resources Division
 Engineering Bureau
 Groundwater Section
 Sam W. Mitchell Building
 Helena, Montana 59601

Owner Sam Schwindt
 Address Jordan, MT 59337
 Location T. 18N R. 37E Sec. 31
 Doc. No. 883-138029

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

Please provide, as indicated in red on the attached form, the dates the well construction was started and completed.

Thank you.

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
 Industrial ☐ Drainage ☐ Other ☐ * Garden/Lawn ☐
 *Describe
 USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. 1/2 Block and Addition).
 ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8 1/4	4" 1/2	1	32	1/2	130	190
6 1/4	9 1/2	32	190	1/2		

RECEIVED
 NOV 2 1971

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION
 W E S
 T. 18N R. 37E Sec. 31
 T. 18N R. 37E Sec. 31
 S W

Static water level 55 ft.*
 Pumping water level 84 ft.*
 at 2 gallons per minute,
 measured minutes after pumping began.
 *Measured from ground level.
 Well developed by pump
 for 24 hours.
 Power..... Pump..... HP
 Remarks: (Gravel packing, cement packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Diane Dullin
 Driller's Address Jordan, Mont.

LICENSE NO. 29 200 Show exact depth of bottom
 R.F. 51,437

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner SAM SCHWINDT

Address JORDAN

MONT.

Date well started 8-14-72

Completed 8-16-72

For Administrator's Use

File 883 138029

20,1472-4-30

GW 1

Type of well DRILLED

(Dug, driven, bored or drilled)

Equipment used ROTARY

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

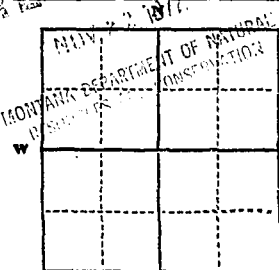
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
<u>8 1/4</u>	<u>4 1/2</u>	<u>1</u>	<u>32</u>	
<u>6 1/4</u>	<u>3 1/2</u>	<u>32</u>	<u>200</u>	<u>4 1/2</u>
			<u>190</u>	<u>1/2</u>



7W 1/2 78 1/4 Sec. 31
T. 18 N. R. 37 E.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Dave Dilline Sen.

Driller's Address Jordan, Mont.

LICENSE NO. 29

L.F.

County Garfield
DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

(Elev. above sea level)

From (Feet)	To (Feet)	
<u>1</u>	<u>15</u>	<u>SANDY CLAY</u>
<u>15</u>	<u>26</u>	<u>QUICK SAND</u>
<u>26</u>	<u>45</u>	<u>SHALE</u>
<u>45</u>	<u>47</u>	<u>COAL</u>
<u>47</u>	<u>165</u>	<u>SHALE</u>
<u>165</u>	<u>172</u>	<u>ROCK</u>
<u>172</u>	<u>200</u>	<u>SAND</u>

200

Show exact depth of bottom

51,437

GROUNDWATER INTEREST

Page 1 of 1

County Shenandoah Twp. 18th Rge. 38th

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Wendright George	484	124896	-
4	O'Connor, L. M. M.	484	125409	-
4	Purcell, Robert L.	484	123512	-
4	Saylor, Lewis	57 Well log		-
4	Leblanc, Charles	484	1953	-
8	Langburn, Charles L.	484	124868	-
9	O'Connor, L. M. M.	484	125408	-
14	Wendright George	484	124898	-
13	Wendright George	484	124897	-
13	Alexander, L. A.	57 Well log		-
14	Alexander, L. A.	57 Well log		-
16	Kelley, Fred L.	484	125483	-
* 17	Bragg, L. A.	57 Well log		-
17	Ladwader, Fred	484	125308	-
17	Freeman, L. A.	484	122960	-
17	Logeman, David	57 Well log		-
17	John, W. Jordan	57 Well log		-
17	Kelley, Fred L.	484	124937	-
17	Kelley, Fred L.	57 Well log		-
17	Markley, Albert & Mac Billing	57 Well log		-
17	Marshall, D. & Doris	57 Well log		-
17	Freeman, Alice L.	484	125131	-
17	Deinland, Vaughn	57 Well log		-
17	Phillips, L. M. & James Wilson	484	124956	-
17	Rollard, Mabel A.	484	123329	-
17	Roth, Reinhart F.	484	124867	-
17	Singer, Anna	484	124976	-
17	Smith, D. A. H.	484	125322	-
17	Swanner, Johnny	482	125893	-
17	Uthaug, L. A.	484	125143	-
17	Walt, James	484	125016	-
17	Watson, Frank L.	484	124627	-
17	Watson, Ray P. & Nadine L.	484	125340	-
17	Watson, Winona	484	124938	-
17	Wheatcroft, Mabel	482	123504	-
17	Woods, Cynthia M.	484	125176	-
17	Young, L. A.	484	125029	-
18	Schmidt, Samuel	484	124597	-
18	Schmidt, Sam	482	126035	-
18	Smith, Raymond	484	124961	-
18	Smith, Raymond	484	124962	-
18	Winter, L. A.	484	129538	-
19	Hunter, Walter	57 Well log		-
19	Hunter, Walter L. & Frances J.	484	125018	-
25	Warbaugh, Paul	57 Well log		-

GROUNDWATER INDEX

Page 2 of 2

County Garfield Twp. 187 Rge. 386

[illegible]

File No. _____

T. 18 N 38 E

DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

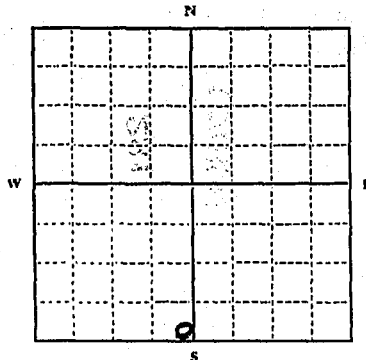
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. George Hendrich of Jordan
(Name of Appropriator) (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 1 T18 R38

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based water wells
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1951 stock well
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 gals per min
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump, with a gas motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1951
8. The depth of water table 230 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 3 in. casing, iron casing
10. The estimated amount of groundwater withdrawn each year 200,000
11. The log of formations encountered in the drilling of each well if available didn't take
any
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
None

Signature of Owner

Date Dec 23, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

14735

RECEIVED
JUN 10 1963

RECEIVED
JUN 10 1963

281

124896

STATE OF MONTANA
County of Cascade

Filed in the office of the County Clerk and
Recorder of Cascade County, State of Montana,
this 26 day of June.

A. D. 1963 at 9:45 o'clock P. M.

Charles E. Thompson
County Clerk and Recorder
By *Marianne A. Jensen*
Deputy

Fee Paid \$ 2.00

INDEXED
FILED

File No. _____

T. 18 N. 38 E.

DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

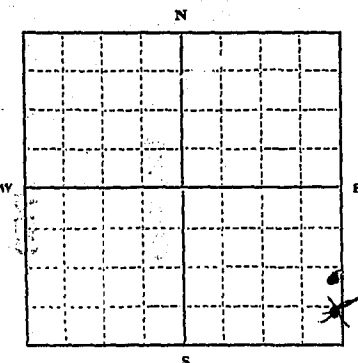
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Clell M. O'Connor, of Jordan
(Name of Appropriator) (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 4, T. 18 N. 38 E.

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been August 1957
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump, gasoline meter
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater August 1957
8. The depth of water table 200 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4 inch hole, 240 feet deep
10. The estimated amount of groundwater withdrawn each year 365,000 gallons
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record at the time the well was completed the log was turned over to the Garfield County ASC Office

Signature of Owner Clell M. O'Connor
Clell M. O'Connor
Date December 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quaduplicate for the Appropriator.

23666

1254111

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 31 day of Dec

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 31 day of Dec
A. D. 1963 at 1:44 o'clock P M.

A. D. 1563 at 1/4 o'clock ③ M

County Clerk and Recorder

By Maria G. Jones
Deputy

Fee Paid \$ 2.00

INDEXED *mk*

INDEXED *mk*

FILED

Helena Independent Record
File No. _____
DUPLICATE

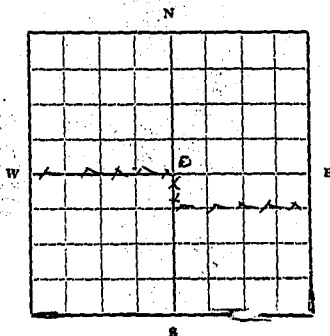
T. 18 N R. 38 E
County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAY 22 1963

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER

1. ROBERT E. PURCELL of Jordan
(Name of Appropriator) (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 NE 1/4 Sec. 14 T. 18 N. R. 38 E.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based is well for watering of livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been from March 28th, 1962, and used periodically since; will use year round when necessary.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof _____
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal by pump and engine also by pump jack & windmill;
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Sept. 14, 1962, completed this date.
8. The depth of water table Forty feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well, cased down 20 feet, casing perforated 20 feet
10. The estimated ~~amount~~ of groundwater withdrawn each year don't know; amount depends upon season.
11. The log of formations encountered in the drilling of each well if available "Well Log = 9-14-59 - Robert Purcell = 1 ft. to 12 ft. sand; 12 ft. to 21 ft. rock; 21 ft. to 230 ft. shale; 230 ft. to 258 ft. sand; Cased with 2 1/2 in. pipe; pumping capacity 5 to 6 gal. per min @ 165 ft; water level 40 ft. /s/ Merle Drans Driller"
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record _____

Signature of Owner: Robert Purcell

Date: May 20-1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

4425

123510

68

STATE OF MONTANA }
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 21 day of May

A. D. 19 62 at 9:55 o'clock A. M.

Charles E. Langford
County Clerk and Recorder

By _____ Deputy

Fee Paid \$2.00

WJ
CD

T. 18N R. 38E

County Garfield

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
DEC 13 1961

WATER WELL LOG

STATE ENGINEER

Owner Lewis Saylor Address Brusett, Montana

Driller Carl Jerrel Address Wiles City, Mont.

Date Started 4/1961 Date Completed 4/6/61

Location: Sec. 1 T. 18N R. 38E 1/4 sec.

Type of well drilled Equipment used rotary
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

thru ☐ Drainage ☐ Other: _____

Casing: 0 to 340 ft. Type iron Size 4 inch

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. 300 to ft. 340 Ft. _____ to ft. _____

Type of screen or perforations slots

Static Water level, for non-flowing well: _____ feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level _____ feet at 9 gal. per min.

How tested: bailer

Length of test _____

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

©

(over)

Log of Well

[illegible]

18N-38E
County: Daniels

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

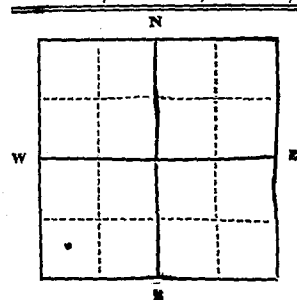
Owner: Dallas Colon
Address: Jordan Marsh
Date well started: May 27, 1970
completed: May 27
Type of well: Drilled
Equipment used: Rotary Drill
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

For Administrator's Use
File: July 12, 1970
3:45 p.m.
GW 1 135.373

*Describe
If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
5 5/8	4 in. plastic	0	180 ft	Kind Size From (Feet) To (Feet)
				3/8 100 100



Static water level 10 ft.*
Pumping water level 20 ft.*
at 30 gallons per minute,
measured 1 minutes after pumping began.
*Measured from ground level.
Well developed by 1 1/2 hours.
Power 1 Pump 2 HP
Remarks: (Gravel packing, cementing, packers, type of shut-off)

SW 1/4 SW 1/4 Sec. 8
T. 18 N. R. 38 E.
S W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature: Carl General
Driller's Address: 712 Charlton
mills City LICENSE NO. 35

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	20	top soil
20	70	shale
70	79	rock
79	150	shale
150	170	rock
170		rock

Show exact depth of bottom

46666

